The Ulster Medical Journal

The Journal of the Ulster Medical Society. First published in 1936. Successor to the Transactions of the Ulster Medical Society (1844–1929), and the Transactions of the Belfast Clinical and Pathological Society (1854–1862)

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McCoy GF, Dilworth GR, Yeates HA. The treatment of trochanteric fractures of the femur by the Ender method. *Ulster Med J* 1983; **52**: 136.41.

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- 7. Rosendorf LL, Octavio J, Estes JP. Effect of methods of postdischarge wound infection surveillance on reported infection rates. *Amer J Infect Control* 1983; 11: 226-9.
- 8. Westerman EL. Antibiotic prophylaxis in surgery: historical background, rationale and relationship to prospective payment. *Amer J Infect Control* 1984; 12: 339-43.
- Dhalla S, Flynn JT. Chemoprophylaxis of infection. An overview. NY State J Med 1980; 80: 1087-94.

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THE ULSTER MEDICAL SOCIETY

Whitla Medical Building 97 Lisburn Road Belfast BT9 7BL

If you are not a member of the Ulster Medical Society, we would appeal to you to give the question of joining your consideration. The Society has been in existence since 1862 (and is the direct descendant of the Belfast Medical Society founded in 1806), and has always been active in keeping its members interested in the advances in medical science. Meetings are held at intervals of a fortnight during the winter months, and papers are contributed by members and distinguished guests. Facilities are provided for doctors to meet informally afterwards, and have a cup of tea. The Ulster Medical Journal, the official organ of the Society, is issued to all Fellows and Members free of charge. The Society is now housed in its own rooms in the Whitla Medical Building of Queen's University at 97 Lisburn Road (replacing the Whitla Medical Institute which had to be vacated in 1965).

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